

- (1) Number of pages _____
- (2) Date of repair _____
- (3) Initials of the Referencer _____

MADRAS RECORD OFFICE

Government of Madras

Public Works

DEPARTMENT

G.O. No.
B.P. No.

1786

Press
Mis.

Dated

22-6-1955

195

Not to be folded or roughly handled

*Proceedings of the Madras Government, Public Works Department,
28th June 1875.*

Read the following papers :—

No. 528. From Lieutenant-Colonel J. MULLINS, R.E., Chief Engineer for Irrigation, to Captain L. CONWAY-GORDON, R.E., Controller of Public Works Accounts, dated 10th April 1875, No. 366.

In reply to your letter, No. 105, of the 5th instant, I have the honor to observe that there are one or two items in the statement therewith forwarded which need alteration of debit.

1st.—Forming panel nursery, Koratur Anicut, Rupees 179, is a Revenue charge—Chembrumbaukum Tank.

2nd.—Planting panel S. B., Cortiliar, belongs to Revenue—Madras Water Works.

Of the total for new works—

Rupees 8,934 appertain to Miscellaneous.

„ 29,856 do. to Capital, Madras Water Works.

„ 164 do. to Revenue, do.

„ 179 do. do., Chembrumbaukum Tank.

3rd.—Under repairs. Repairing Choudrykal, Rupees 297, belongs to Chembrumbaukum Tank, the surplus channel of the Streeperinattoor Tank being artificially made a supply-channel to Chembrumbaukum Tank.

2. It is not quite clear what has become of the extension of the anicut across the Cortiliar at Thamarapaukum (Madras Water Works). It is believed that there was outlay on this account in 1873-74, and there is no item under either Capital or Revenue. The large estimate, Rupees 25,000, called filling the breaches and gullies in the bank of the upper channel may possibly have something to do with it.

3. Perhaps it will be well to revise the statement now so as to show clearly the distribution of the total of Rupees 93,642 thus—

Particulars.	Estimate.	Outlay.	CHARGEABLE TO			
			Madras Water Works.		Chembrumbaukum Tank.	
			Capital.	Revenue.	Capital.	Revenue.

4. It will be necessary that your office should insist upon every estimate and every document connected with expenditure being properly headed by the District Officers with—

1st.—The Class.

2nd.—Capital, Revenue or Miscellaneous—Agricultural.

3rd.—Name of project, if there be one concerned.

4th.—Name of individual work.

5. There is some want of definitiveness in the descriptions of particular works, and the Superintending Engineer should furnish a complete list of all the several parts of the Madras Water Works and Chembrumbaukum Tank systems, and adhere to the description so given in all documents.

Thus there are the—

- (1.) Cortilar Aicut (Thamarapankum).
- (2.) Head Sluice do.
- (3.) Supply Channel Cholaveram Tank with its masonry works, of which a consecutive list should be given.
- (4.) Cholaveram Tank.
- (5.) Head Sluice Red Hills Tank supply-channel.
- (6.) Red Hills Tank supply-channel.
- (7.) Distribution Cholaveram Tank.
- (8.) Do. Red Hills Tank, and every estimate or paper appertaining to the project should have one or other of these particulars given to the heading. Thus supposing the Boosykal weir to be repaired the heading would be Class I—Agricultural, Revenue, Madras Water Works.

Supply channel, Cholaveram Tank.

Repairing Boosykal Weir.

Unless very easy and plain matters of this kind be duly attended to, the classification of expenditure and the correct preparation of Capital and Revenue Accounts must be impracticable.

No. 529. From Captain L. CONWAY-GORDON, R.E., Controller of Public Works Accounts, to Major J. O. HASTED, R.E., Officiating Chief Engineer for Irrigation, dated Madras, 3rd June 1875, No. 1,111.

I HAVE the honor to acknowledge the receipt of your letter, No. 366, dated 10th April 1875, on the subject of the expenditure incurred on the Madras Water Works, and in reply to inform you that the revised statement you require shall be forwarded to you as soon as prepared.

2. In the meantime I wish to offer some remarks on the general observations contained in your letter, the more especially as these observations bear out strongly opinions I have elsewhere expressed.—*Vide* my letter to the Chief Engineer, No. 1,039, dated 31st May 1875.

3. It is impossible for this office to maintain any check over the proper classification of expenditure until the first and most essential step is attended to, *viz.*, the submission to this office of abstracts of estimates showing the headings under which it is intended that the expenditure is to be classified.

4. At present this office receives advice of sanction to estimates from two sources, (1) the Madras Government, and (2) District Engineer's—the advice of sanctions by Government communicated in the form of Government Proceedings do not give the information, which in your paragraph 4 you state I should insist on receiving. It is only quite recently that this office has received advice of anything but the lump sum sanctioned by Government on account of large schemes, and to this day we have not in the office anything like complete and accurate summaries of the estimates sanctioned for some large projects, to say nothing of abstracts of estimates of individual works. Such estimates—estimates for large projects—generally undergo considerable revision in the interval between their submission by District Engineers and their sanction by Government; but when this office gets any summary it is generally a summary of the estimate as submitted, whereas what this office requires is a summary of the estimate as sanctioned. Then again an estimate for a large project when first sanctioned has

seldom been elaborated in all its details, lump sums are entered for minor channels, small masonry works, &c. &c., for which estimates are no doubt subsequently prepared in detail and sanctioned by competent authority, but of such estimates this office receives no advice.

5. For details of estimates sanctioned by District Engineers this office at present has to look to the appropriation returns furnished by those officers. I am not aware whether these officers have or have not been generally instructed to give in these returns the information this office requires regarding the schemes and sub-divisions of schemes to which individual works belong, as also the head Capital or Revenue to which the work is to be charged, but in either case it cannot be said that this necessary information is generally given.

6. I am of opinion that weekly, fortnightly, or monthly, as found most convenient, this office should be supplied with a return from all sanctioning authorities, giving all the information this office requires regarding schemes, and sub-division of schemes, heads of charge, classification of works, accompanied when necessary by abstracts of the individual works.

7. It is not only extremely inconvenient picking up all this information from various sources, such as the appropriation returns of District Engineers, the progress reports of ranges, &c., but when this information has been picked out by Auditors on Rupees 80 per mensem, and this is the agency at my disposal, I am never certain if I have got all, or if what I have got is correct.

8. With reference to your paragraph 5, I may say that the information you allude to, which I should include under the term "*Grouping of Works*," is precisely the information which this office has been for sometime endeavouring to persuade the Government is an essential preliminary to the preparation of the Capital and Revenue Accounts of Irrigation Works. I consider that one of the first objects aimed at in deputing Lieutenant Christie to the Kistna District is the systematic collation of such information.

9. In conclusion, I need hardly say that the points touched upon in paragraphs 4 and 5 of your letter, referring as they do to the proper preparation of estimates, are matters which come within the province of the Chief Engineer rather than of the Controller. I am glad that the subject has independently attracted your attention, as I now look confidently forward to a speedy end to the present unsatisfactory practice.

No. 530. From the same Officer, dated Fort St. George, 10th June 1875, No. 1.

In forwarding the statement referred to in paragraph 1 of this office letter, No. 1,111, of the 3rd instant, I have the honor to state, with reference to paragraph

2 of your letter No. 366, of the 10th April 1875, that the outlay in 1873-74, on the "extension of the aicut across the Cortilar" was charged to Capital, Madras Water Works—*vide* annual accounts for that year. The item was not included in this office statement No. 11,150 of the 18th March 1875, as that statement was prepared to show the outlay on "Revenue" and "Conservancy" in connection with the Madras Water Works.

2. The large estimate of Rupees 25,000 for filling in breaches and gullies in the bank of the upper channel is a separate work altogether, the outlay on which is shown under Revenue, Madras Water Works, in the statement now furnished.

Presented to the Madras Government, Public Works Department
20th June 1952.

Received 10 January 2007; accepted 10 April 2007

[illegible]

B-Of this number the two names we had A. S. + are shown on the 10. 11. 1944. A. S. +

(Signed) L CONWAY-GORDON, Captain, R.E.
Controller of Public Works Accounts.

*Proceedings of the Madras Government, Public Works Department,
28th June 1875.*

No. 531.

ORDER THEREON, 28th June 1875, No. 1,786.

IRRIGATION, No. 47-A.

Account.

THIS correspondence shows the great difficulty which the Controller's Office experiences in posting expenditure correctly owing to the imperfect way in which

estimates are headed, and to the omission, until recently, to furnish his office with abstracts of estimates as sanctioned. In order that all Superintending and District Engineers may clearly understand what is required of them these Proceedings will be communicated to them, and it is observed that, with the instructions given to them in

No. 977-A, 28th November 1874, and the appended No. 845, 20th October 1874.

the memorandum as per margin from the Chief Engineer for Irrigation, the information required to be exhibited, and the

manner in which works should be described, will be sufficiently plain.

2. With regard to current estimates correct copies of the abstracts of these properly headed will be furnished by District Engineers to the Controller in all cases in which this has not been done, and, for the future, copies of all estimates locally sanctioned will be supplied by District Engineers, and abstracts of all estimates sanctioned by Government will be printed, as sanctioned, in the Proceedings conveying the sanction.

3. All estimates which may be submitted without the proper descriptive heading will be at once returned for revision. The description* of the work should be as

concise as possible, and the special attention of District Engineers is directed to paragraph 5 of the letter, No. 366 of the 10th April, in order that for all projects containing many works complete lists may be prepared, descriptions carefully attended to, and afterwards rigidly adhered to.

(True Extract.)

Major, R.E.,

Offg. Joint Secretary to Government.

To all Superintending and District Engineers.
To the Officiating Consulting Architect to Government.
„ Special Executive Engineer, Wynaad.
„ Controller of Public Works Accounts.
„ Chief Engineer for Irrigation.

Exd. S. T. Austin.

Spare Copies

N 107

Office of the Controlling
Public Works Accounts
Madras 3 June 1875.

From

The Controller of
Public Works Accounts
To,

The Chief Engineer
for Irrigation

Sir

I have the honor to acknow-
ledge the receipt of your letter
N^o 366, dated April 10th 1875 on
the subject of the expenditure
incurred on the Madras Water
Works, and in reply to inform
you that the revised statement
you require shall be forward-
ed to you as soon as prepared.

2. In the mean time I
wish to offer some remarks on
the general observations contain-
ed in your letter, the more
especially as these observations
bear out strongly, opinions I

have

These documents are received. The
very letter to the Chief Engineer
dated 27 May 1895.

It is impossible for
this office to maintain any
check over the proper classifica-
tion of expenditure until
the first and most essential
step is attended to by the sub-
mission to this office of abstracts
of Estimates showing the head-
ing under which it is intend-
ed that the expenditure is to be
classified.

At present, the office re-
ceives estimates of sanction to
expenditure from two sources (1)
the Madras Government and
(2) District Engineers. The ad-
vice of sanction by Govern-
ment communicated in the
form of Government Procla-
mation does not give the informa-
tion, which in your paragraph
you state should be in-
cluded.

The fact of the
estimate being
submitted to the
Controller &
this is now
being done.

on receiving. It is only quite re-
cently that this office has re-
ceived advice of anything but
the lump sum sanctioned
by Government on account
of large schemes, and to this
day we have not in the office
anything like complete and
accurate summaries of the es-
timates sanctioned for some
large projects, to say nothing of
abstracts of estimates of indi-
vidual works. Such estimates
estimates for large projects gene-
rally undergo considerable re-
vision in the interval between
their submission by District
Engineers and their sanction
by Government, but when this
office gets any summary it is
generally a summary of the es-
timate as submitted, whereas
what this office requires is a sum-
mary of the estimate as sanctioned.
Then again an estimate for a
large

large project when first mentioned
has seldom been elaborated in
all the details, large and small
entirely for minor channels,
small masonry works &c. &c.
for which estimates are no
doubt subsequently prepared
in detail and sanctioned by
competent authority, but of such
estimates this office receives no
notice.

For details of estimates
sanctioned by District Engineers
this office at present has to look
to the Appropriation returns fur-
nished by those officers. I am not
aware whether these officers have
or have not been generally in-
structed to give in these returns
the information this office requires
regarding the schemes and sub-
divisions of schemes to which
individual works belong, as
also the head Capital or Revenue
to which the work is to be charged.

but

but in either case it cannot be
said that this necessary infor-
mation is generally given.

6. I am of opinion that
weekly, fortnightly or monthly
as found most convenient, this
office should be supplied with
a return from all sanctioning
authorities, giving all the in-
formation this office requires re-
garding schemes, and subdivisions
of schemes, heads of charge clas-
sification of works, accompanied
when necessary by abstracts of
the individual works.

7. It is not only extremely
inconvenient picking up all
this information from various
sources, such as the appropriation
returns of District Engineers
the Progress Reports of Ranges
Officers &c, but when this infor-
mation has been picked out by
Auditors on Rs 80 per mensem,
and this is the Agency at my
disposal

disposal, I am never certain if I have got all, or if what I have got, is correct.

8. With reference to your para 6, I may say that the information you allude to, which I should include under the term "Grouping of Works" is precisely the information which this office has been for sometime endeavoring to persuade the Government is an essential preliminary to the preparation of the Capital and Revenue accounts of Irrigation Works. I consider that one of the first objects aimed at in deputation Lieutenant Christie to the Krishna District is the systematic collection of such information.

9. In conclusion I need hardly say that the points touched upon in paras 4 and 6 of your letter, referring as they do to the proper preparation of estimates, are matters which

come

come within the province of the Chief Engineer rather than of the Controller - I am glad that the subject has independently attracted your attention, as I now look confidently forward to a speedy end to the present unsatisfactory practice.

I have the honor to be
Sir

Your most Obedt Servt

Lowrey Gordon

Controller of P.W. Accounts

A. G.
Thos.

J.

P. W. George Esq.
From No: 4156

The Controller of
P.W. Accounts.

To
The Chief Engineer
for Irrigation

Watered 33
Recd 44 June 1875
Recd. 24

No 1111

Offering general
remarks on the ex-
penditure incurred
on the Madras Water
Works

P.O. No. 1786. 28-6-75.

No 529

Eastern Controller of P.W. A. 6471

In reply to your letter No 105 of the
5th inst. I have the honor to observe
that there are one or two items in
the statement therein with particulars
which need attention & debit.

1. Forming waste masonry, Koration
Koramban Ancient Refers 179

2. Revenue charge - Chemburamban-
Kura Tank.

2nd Item, namely 213. Article as Village Revenue, Madras
Water Works
After total for new works

Refers 8934 about into Miscellaneous
29,556 do to Capital Expenditure

Water Works

164

do Revenue do.

179

do do Chemburamban
Kura Tank

3rd Underdram - Referring Chemburamban

Refers 297 belongs to Chemburamban

Tank the surplus clearance of the

Strengthening tank being anticipated

made a supply ch. to Chemburamban

Tank

2. I am not quite clear what has been

of the statement of the Account

the Contingent ~~for~~ at the same time
(M.W.W.) I am believe that there was
nothing further account in 1873-74
& there is no item under either
Capital or Revenue. The large estimate
of Rs. 25,000 called for the works
& pillars in the banks of the Upper channel
may possibly have something to do
with it.

3. Perhaps it will be well to revise the
Statement now so as to show clearly
the distribution of the total of
Rs. 90,642 thus

Particulars	Rs.	M.L.	Chargeable to			
			Major Works	Chamberlain's Revenue Fund	Capital	Revenue

4 - It will be necessary that your Office
should visit upon every estimate
every document connected with
the estimate being properly headed
the District Officer with

- 1st The Class
- 2nd Capital or Revenue or Miscellaneous - Agriculture
- 3rd Name of project - if there be no concern
- 4th Name of individuals work

5. There is a want of definiteness in
the description of particular works
and the S.D. should furnish a
Complete list of all the several parts
of the M.W.W. & Chamberlain's Revenue
Funds system, and adhere to the
description so given in all documents.
They then are
the Contingent (Chamberlain's)

1. Head Office - do -
2. Supply channels Chamberlain's Funds
3. Works of management of which
a complete list should be given
4. Chamberlain's Funds
5. Head Office - Chamberlain's Funds supply
6. Head Office - Chamberlain's Funds supply
7. Distribution - Chamberlain's Funds
8. do - Chamberlain's Funds

and every estimate or paper accompanying
to the project should have one or more
of these particulars given with the heading
then supplying the Board of Revenue to
the Board the headings would be
Chap. 1st - Agriculture, Revenue
Funds water works
Supply channels Chamberlain's Funds
Chamberlain's Funds

10/9/25

Corr's not confirm
afternoon which was
the case in the event
of nothing unusual in the
Thurs or in other
particulars
during 1883-79.

Ms. 366

Dec 10 -
Aug 16 } at all / 15

Set out the ~~the~~ 90th
Account

Am. Ind.

1075 as that statement was prepared to shew the outlay on "Revenue" and "Conservation" in

Statement to accompanying Controller Heller. Re 1 dated 10th June 1920

Particulars	Estimated outlay	Charged to
<u>New Works</u>		
Raising the mounds of the Hindwarney embankment near water	6,500	2,317
Rebuilding masonry for planting, Hindwarney embankment near the Hindwarney tank	180	179
Rebuilding masonry for planting, Hindwarney embankment near the Hindwarney tank	6,500	2,317
Rebuilding masonry for planting, Hindwarney embankment near the Hindwarney tank	2,260	2,988
Rebuilding masonry for planting, Hindwarney embankment near the Hindwarney tank	167	164
Total New Works	13,547	13,547
<u>Repairs</u>		
Restoring the slipped portion of the bund of Red Hill Lake	6,510	6,410
Restoring the slipped portion of the bund of the Red Hill Lake	25,000	23,907
Restoring the slipped portion of the bund of the Red Hill Lake	650	246
Restoring the slipped portion of the bund of the Red Hill Lake	150	150
Restoring the slipped portion of the bund of the Red Hill Lake	58,20	2,941
Restoring the slipped portion of the bund of the Red Hill Lake	1727	1727
Restoring the slipped portion of the bund of the Red Hill Lake	1030	821
Restoring the slipped portion of the bund of the Red Hill Lake	220	19
Total Repairs	71,810	67,444
Total	85,357	81,001

52-9-32-781-21-25

56/651721/1

56/651721/1

into and certain
operations which are
made in the shape of
being assigned with
the 1832-79

10-763-24/15

Controller of
Accounts

No. 1

No. 1

THE CONTROLLER,
PUBLIC WORKS ACCOUNTS.

The Chief Engineer for
Irrigation,
East Siam, 10 June 1875.

Sir
In forwarding the state-
ment referred to in para 1 of
this office letter No 11150 of the 3rd
Instant, I have the honor to
state, with reference to para
2 of your letter No 366, of the
10th April 1875, that the outlay
in 1873 74 on the "extension
of the Aqueduct across the
Cartellian" was charged to
Capital, Madras Water Works-
vide annual accounts for
that year. The item was not
included in this office state-
ment No 11150 of the 18th March
1875 as that statement was
prepared to shew the outlay
on "Revenue" and "Conservancy"
in

in connection with the Madras
Water Works.

2. The large estimate of
Rupees 25,000 for filling in brack-
-es and gullies in the bank of
the upper channel ~~is~~ a separ-
-ate work altogether the outlay
on which is shown under Re-
-venue Madras Water Works
in the statement now fur-
-nished.

I have the honor to be
Sir

Your most Obedt Servt.

Lowmy Gordon.

Controller of P.W. Works.

GLD

H.

To Mr. Secy of Dep't

From No. 4157

The Controller of P.W. Accounts

To

The Chief Engineer for Irrigation

Dated 10
Recd 11th June 1875
Recd. 24th June 1875

E.I. 12/6/75

Forwarding a statement showing outlay in connection with the Madras water works.

S.B. No. 1786. 28-6-75.

5284

N 530

Reld June 20/75
Circ 16/75
D. 21/6/75
D. 21/6/75

Secy of Public Works Dept

Proceedings of the Madras Government

Under date the 1875

Read the following

State of P.W. Accounts (S.B. No. 358 of 10th April 1875)

do do (S.B. No. 111 of 3rd June 75)

do do (S.B. No. 1 of 10th June 75)

with a statement

S.B. No. 1786 of 28th June 75

This correspondence shows the great difficulty which the Controller's office experiences in posting expenditure correctly, owing to the imperfect way in which estimates are headed, and to the omission until recently to furnish his office with abstracts of estimates as sanctioned

sanctioned. In order that all Superintending and District Engineers may clearly understand what is required of them these Proceedings will be communicated to them and it is observed that with the instructions given to them in the Memorandum as per margin from the Chief Engineer for Irrigation the information required to be exhibited and the manner in which works should be described will be sufficiently plain.

2. With regard to current estimates correct copies of the Abstract of these properly headed will

No. 977A. 28th Mar 1874
and the appended Nos 20th October 1874.

When the work to be undertaken is provided.

10
will be furnished by District Engineers to the Controller in all cases in which this has not been done and for the future copies of all estimates locally sanctioned will be supplied by District Engineers and abstracts of all estimates sanctioned by Govt. will be printed as sanctioned in the Proceedings conveying the sanction.

3. All estimates which may be submitted without the proper descriptive heading will be at once returned for revision. The descriptive of

Para 2(2) of No 977A

of the work should be
as concise as possible
and the special attention
of District Engineers is
directed to para 5 of the
letter N^o 368 of the 10th
April in order that for
all projects containing
many works complete
lists may be prepared,
descriptions carefully
attended to and afterwards
rigidly adhered to.

180
N^o 528-531

1. Bull Suppl + Dist. Engr
2. Offs Engrs Sect. to Engr
3. Engr 4. Engr Wynne
4. Engr 5. Engr
5. Off Engr Engr

50

12-7-75

X. 12-7-75